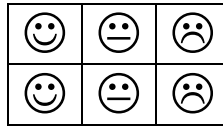
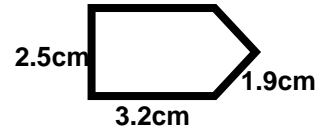


MEASURE AND SCALE

P: I can enlarge or reduce pictures and shapes, using different methods, including technology.

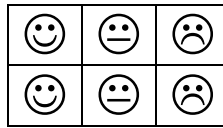


Make an accurate drawing of this diagram then reduce it to a third of its size



Make an accurate drawing of this shape then draw a two times enlargement

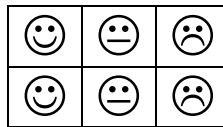
K: I know when bearings are used in everyday life and can give examples of technology used in navigation.



When are bearings used in everyday life?

What instruments are used to measure bearings?

L: I can draw 3-figure bearings.



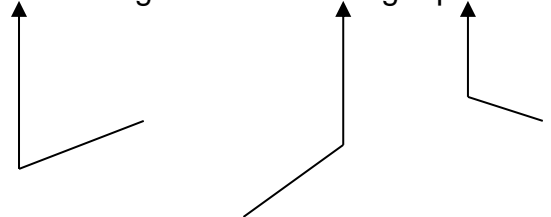
Draw a diagram to represent the following bearings:-

a) 045° b) 125° c) 300°

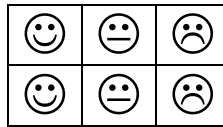
M: I can measure 3-figure bearings and write the bearing using the correct notation.



What bearings do the following represent:-

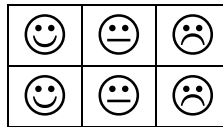


N: I know when to use a scale drawing.



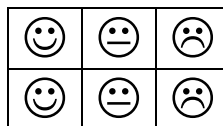
When is a scale drawing useful?

O: I can use scales and bearings to create plans and scale drawings of routes and journeys.



A ship sails for 5km on a bearing of 070° . It changes direction and sails for 3km on a bearing of 135° . Draw a scale drawing to represent this and calculate how far and on what bearing it would have to sail to return to the start.

P: I can use my knowledge of scales and bearings to interpret maps and plans.



How far is it from A to B on this map? What is the bearing of A from B?

